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COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

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As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled REUSABLE SOLID SUPPORT FOR OLIGONUCLEOTIDE SYNTHESIS the specification of which ☐ is attached hereto ☒ was filed on 30 June 1999 as United States Application No. or PCT International Application No. 09/720,907 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b), of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designates at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed:

<u>Country</u>	<u>Application No.</u>	<u>Filed (Day/Mo./Yr.)</u>	<u>(Yes/No)</u> <u>Priority Claimed</u>
PCT	PCT/CA99/00600	30 June 1999	No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

<u>Application No.</u>	<u>Filed (Day/Mo./Yr.)</u>
60/091,683	2 July 1998

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first

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FOR PATENT APPLICATION**

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paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application No. _____ Filed (Day/Mo./Yr.) _____ Status
(Patented, Pending, Abandoned)

I hereby appoint the practitioners associated with the firm and Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to the address associated with that Customer Number:

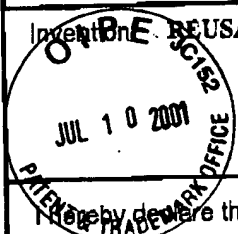
KATTEN MUCHIN ZAVIS
Customer Number: 27160

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1-00 Full Name of Sole or First Inventor Richard T. Pon
Inventor's signature Richard T. Pon
Date July 9, 2001 Citizen/Subject of Canada
Residence 108 Ranch Estates Road, N.W., Calgary, Alberta, Canada CAX
T3G 2B4
Post Office Address same as residence

2-00 Full Name of Second Joint Inventor, if any Shuyuan Yu
Second Inventor's signature Shuyuan Yu
Date July 9, 2001 Citizen/Subject of Canada
Residence 53 Hawktree Circle, Calgary, Alberta, Canada T3G 3M1 CAX
Post Office Address same as residence

Rec PCT/PTO 10 JUL 2001

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) AND 1.27 (c)) - SMALL BUSINESS CONCERN			Docket No.
Serial No. 09/720,907	Filing Date 30 JUNE 1999	Patent No.	Issue Date
Applicant/ University Technologies International Inc. Patentee:			
Inventor: REUSABLE SOLID SUPPORT FOR OLIGONUCLEOTIDE SYNTHESIS			
 <p>I hereby declare that I am:</p> <p><input type="checkbox"/> the owner of the small business concern identified below:</p> <p><input checked="" type="checkbox"/> an official of the small business concern empowered to act on behalf of the concern identified below:</p> <p>NAME OF CONCERN: University Technologies International Inc.</p> <p>ADDRESS OF CONCERN: Suite 130, 3553 - 31st St. N.W., Calgary, Alberta, Canada T2L 2K7</p> <p>I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.</p> <p>I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the above identified invention described in:</p> <p><input type="checkbox"/> the specification filed herewith with title as listed above.</p> <p><input checked="" type="checkbox"/> the application identified above.</p> <p><input type="checkbox"/> the patent identified above.</p> <p>If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed on the next page and no rights to the invention are held by any person, other than the inventor, who could not qualify as an Independent inventor under 37 CFR 1.9(c) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).</p>			

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☐ no such person, concern or organization exists.
☒ each such person, concern or organization is listed below.

FULL NAME ISIS Pharmaceuticals Inc.

ADDRESS 2292 Faraday Avenue, Carlsbad, California, U.S.A. 92008

☐ Individual

☒ Small Business Concern

☐ Nonprofit Organization

FULL NAME _____

ADDRESS _____

☐ Individual

☐ Small Business Concern

☐ Nonprofit Organization

FULL NAME _____

ADDRESS _____

☐ Individual

☐ Small Business Concern

☐ Nonprofit Organization

FULL NAME _____

ADDRESS _____

☐ Individual

☐ Small Business Concern

☐ Nonprofit Organization

Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

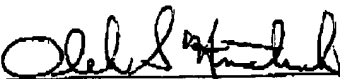
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING:

TITLE OF PERSON SIGNING

OTHER THAN OWNER:

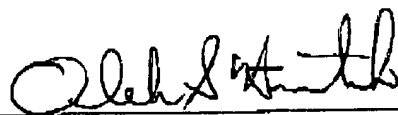
ADDRESS OF PERSON SIGNING:



Name: Oleh S. Hnatyuk

Title: President & CEO

SIGNATURE:



DATE:

June 27, 2001